

Title (en)
NUCLEOSIDASE AGENT HAVING REDUCED CONTAMINANT ACTIVITY

Title (de)
NUKLEOSIDASEMITTEL MIT REDUZIERTER VERUNREINIGUNGSAKTIVITÄT

Title (fr)
AGENT DE NUCLÉOSIDASE AYANT UNE ACTIVITÉ DE CONTAMINANT RÉDUITE

Publication
EP 3750992 A4 20211201 (EN)

Application
EP 19750758 A 20190130

Priority
• JP 2018022542 A 20180209
• JP 2019003244 W 20190130

Abstract (en)
[origin: EP3750992A1] An object of the present invention is to provide an enzyme preparation useful for reducing purine bodies, especially, in beer or beer-based beverages, and use thereof. Provided is a nucleosidase preparation having an activity ratio (U/U), which is guanine deaminase activity per nucleosidase activity, of 0.4 or less.

IPC 8 full level
C12N 9/24 (2006.01); **C12C 5/00** (2006.01); **C12N 9/22** (2006.01); **C12N 9/78** (2006.01); **C12N 15/55** (2006.01)

CPC (source: EP US)
C12C 5/004 (2013.01 - EP); **C12N 9/22** (2013.01 - EP); **C12N 9/2497** (2013.01 - US); **C12N 9/78** (2013.01 - EP); **C12Y 305/04003** (2013.01 - EP)

Citation (search report)
• [E] EP 3502249 A1 20190626 - AMANO ENZYME INC [JP], et al
• [E] EP 3524063 A1 20190814 - AMANO ENZYME INC [JP]
• [A] DATABASE Uniprot [online] 12 April 2017 (2017-04-12), DE VRIES R.P. ET AL: "IU_nuc_hydro domain-containing protein", XP055853535, Database accession no. A0A1Q5SZH4
• [A] "RecName: Full=IU_nuc_hydro domain-containing protein {ECO:0000259|Pfam:PF01156}", UNIPROT, 7 June 2017 (2017-06-07), XP002796457
• See references of WO 2019155969A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3750992 A1 20201216; EP 3750992 A4 20211201; CN 111670249 A 20200915; JP 7360951 B2 20231013; JP WO2019155969 A1 20210128; US 11414654 B2 20220816; US 2021024911 A1 20210128; WO 2019155969 A1 20190815

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EP 19750758 A 20190130; CN 201980011299 A 20190130; JP 2019003244 W 20190130; JP 2019570711 A 20190130; US 201916966997 A 20190130